| Inde | ex of | Claims | ; |
|------|-------|--------|---|
|      |       |        |   |

| Applica | ition/Co | ntrol No. |
|---------|----------|-----------|
|---------|----------|-----------|

SHEA ET AL.

Applicant(s)/Patent under Reexamination

10/788,889

Examiner

Art Unit

Caleen O. Sullivan

1756

Rejected Allowed

| . 1 | (Through numeral)<br>Cancelled |
|-----|--------------------------------|
| +   | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla   | aim   | im Date                                  |   |  |              |          |                |                                     | $\neg$       |                |
|-------|---|--|---|--|--------------|----------|----------------|-------------------------------------|--------------|----------------|
|       |   | -  |   |  |              |          |                |                                     |              |                |
| Final | Original  | 1/25/06                                  | 4/17/07                                 | 7/5/07   |              |          |                |                                     |              |                |
|       | 1   | 1  | 1                                       | 1  |              |          |                |                                     |              |                |
|       | 2   | 1  | 1                                       | 1  | _            | _        |                |                                     |              |                |
| -     | 3   | 1  | 7                                       | V  | $\vdash$     | _        | -              |                                     |              | П              |
|       | 4   | J  | J                                       | J  | <u> </u>     |          |                |                                     |              | Н              |
|       | 5   | ij                                       | Ì                                       | ij   | ┢            | _        | $\vdash$       | $\vdash$                            | -            | Н              |
|       | 6   | H  | Ì                                       | Ì  | $\vdash$     |          | ÷              |                                     |              | Н              |
|       | 7   | ij                                       | Ì                                       | 7 7 7 7 7  | _            | _        | ┝              | _                                   |              | -              |
|       | ,<br>Q  | 1  | 7                                       | ij   | <del> </del> |          | ┝              |                                     | -            | $\vdash$       |
|       | 0   | 1  | 1                                       | 1  | $\vdash$     | _        | _              | _                                   | _            | Н              |
|       | 10  | 1  | ÷                                       | 1  |              |          | $\vdash$       |                                     |              | Н              |
|       | 11  | 1  | -1                                      | 1  | $\vdash$     | $\vdash$ | -              |                                     | -            | Н              |
|       | 12  | 1  | ¥                                       | \ <del>\</del>                                   | <del> </del> | <u></u>  | ├              |                                     | -            | Н              |
|       | 12  | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \    | ¥                                       | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \            |              |          | $\vdash$       |                                     | <u> </u>     | Н              |
|       | 13  | V  | \ <u>\</u>                              | <del>                                     </del> | <del> </del> |          |                |                                     | -            | $\vdash\vdash$ |
|       | 14  | ./                                       | \ <u>'</u>                              | 7          |              |          |                |                                     | $\vdash$     | $\vdash\vdash$ |
|       | 15  | 1  | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \   | <u>\</u>   | -            | <u> </u> | $\vdash$       | -                                   | <u> </u>     | $\vdash$       |
|       | 10  | Y  | ×                                       | <u>\</u>   | <b>—</b>     | <u> </u> | <del> </del>   |                                     | <del> </del> | $\vdash\vdash$ |
|       | 1/  | N.                                       | ٧                                       | Y  | <u> </u>     | <u> </u> | <del> </del> — | _                                   | <u> </u>     | $\vdash$       |
|       | 18  | Y  | ٧                                       | 1  | <u> </u>     | L        | <u> </u>       |                                     | _            | $\sqcup$       |
|       | 19  | ٧,                                       | 1                                       | 7 7  | <u> </u>     |          |                |                                     | _            | Ш              |
|       | 20  | 1  | 1                                       | 1  | <u> </u>     | L        | <u> </u>       | L.                                  | <u> </u>     | Ш              |
|       | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 | ファ | 777777777777777777777777777777777777777 | 1  | <u> </u>     | L        |                | Ŀ                                   |              | Ш              |
|       | 22  | 1  | 7                                       | オオオ  | <u> </u>     |          | _              |                                     |              |                |
|       | 23  | 1  | 1                                       | 1  |              |          | _              |                                     |              | Ш              |
|       | 24  | 1  | 1                                       | 1  | <u> </u>     |          |                |                                     | L            |                |
|       | 25  | 1  | 1                                       | 7 7  |              |          |                |                                     | _            | Ш              |
|       | 26  | V  | 1                                       | 1  |              |          |                |                                     |              | Ш              |
|       | 27  | 1  | 1                                       | 1  |              |          |                |                                     |              |                |
|       | 28  | 1  | 1                                       | 7  | ļ            |          |                |                                     |              | Ш              |
|       | 29  | V  | 7                                       | 1  | <u> </u>     |          |                |                                     |              | Ш              |
|       | 30  | 1  | 1                                       | 1  | L            |          |                |                                     |              | Ш              |
|       | 31  | 1  | 1                                       | 7 7.   |              |          |                |                                     |              | Ш              |
|       | 32  | 1  | 1                                       | 1  | L            |          | _              | _                                   |              | Ш              |
|       | 33  | 1  | 1                                       | 1  | <u> </u>     | Ш        | <u> </u>       | <u> </u>                            | <u> </u>     | Ш              |
|       | 34  | V  | 1                                       | 1  | <u> </u>     | L        | _              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>     | Ш              |
|       | 34<br>35  | 1  | 1                                       |  |              |          |                |                                     |              | Ш              |
|       | 36  | 1  | 1                                       | √  | <u> </u>     |          |                |                                     |              | Ш              |
|       | 37  | Ŋ  | 1                                       | 7 7  |              |          | <u> </u>       |                                     |              | Ш              |
|       | 38  | 1  | 1                                       | 1  | L_           |          |                | <u> </u>                            | <u> </u>     | Ш              |
|       | 39  | V  | 1                                       | 1  |              |          |                |                                     |              | Ш              |
|       | 40  | 1  | 1                                       | 1  |              |          |                |                                     |              | Ш              |
|       | 41  | ٧  | 7                                       | 1  |              |          |                |                                     |              | $\bigsqcup$    |
|       | 42  | 1  | 1                                       | 1  |              |          |                | L                                   |              | Ш              |
|       | 43  | N  | Ν                                       | N  |              |          |                |                                     |              |                |
|       | 44  | N  | 7                                       | N  |              |          |                |                                     |              | Ш              |
|       | 45  | N  | Z                                       | N  | <u> </u>     |          |                |                                     |              | $\square$      |
|       | 46  | N  | 7                                       | N  | L            |          |                |                                     | $oxed{oxed}$ | Ш              |
|       | 47  | N  | Ν                                       | N  |              |          | <u> </u>       |                                     |              | Ш              |
|       | 48  | N  | N                                       | N  |              |          |                | <u> </u>                            |              | Щ              |
|       | 49  | N  | N                                       | N  | _            | ļ        | ļ              | ļ                                   | $\vdash$     | Щ              |
|       | 50  | N  | N                                       | N  |              |          |                |                                     |              | []             |

|          | Claim     | Ι .  |          |              |          | Date     |              |              |          |          |
|----------|-----------|--|----------|--------------|----------|----------|--------------|--------------|----------|----------|
|          | <u> </u>  | <del> </del>                                     | _        |              |          | Jak      | ;<br>        | _            |          |          |
| Final    | Original  |  |          |              |          |          |              |              |          |          |
|          | 51        |  |          |              |          |          |              |              |          |          |
|          | 52        |  |          |              |          |          |              |              |          |          |
|          | 52<br>53  |  |          |              |          |          |              |              |          |          |
|          | 54        |  |          |              |          |          |              |              |          |          |
|          | 55        |  |          |              |          |          |              |              |          |          |
|          | 56        | Г  |          |              |          | _        |              | $\Box$       |          |          |
|          | 57        |  |          |              |          |          |              |              |          |          |
|          | 58        |  |          |              |          |          |              |              |          |          |
|          | 59        |  |          |              |          |          |              |              |          |          |
|          | 60        |  |          |              | Г        |          |              |              |          |          |
|          | . 61      |  |          |              |          |          |              |              |          |          |
|          | 62        |  |          |              |          |          |              |              |          |          |
|          | 63        |  |          | Ĺ            |          |          |              |              |          |          |
|          | 64        |  |          |              |          |          |              |              |          |          |
|          | 65        |  |          |              |          |          |              |              |          |          |
|          | 66<br>67  |  |          |              |          |          |              |              |          |          |
|          | 67        |  |          |              |          |          |              |              |          |          |
|          | 68        |  |          |              |          |          |              |              |          |          |
| `_       | 69        |  |          |              |          |          | _            |              |          |          |
|          | 70        |  |          |              |          |          |              | _            | _        | _        |
| _        | 71        |  |          | _            | _        |          |              |              |          | _        |
| _        | 72<br>73  | <u> </u>   |          | <u> </u>     |          |          |              | <u> </u>     |          | <u> </u> |
| _        | 73        | H  |          | <u> </u>     |          |          |              |              | _        |          |
|          | 74        |  |          | <u> </u>     | $\vdash$ |          |              | _            |          | ┝        |
| $\vdash$ | .75<br>76 |  |          | $\vdash$     | ⊢⊢       |          | <u> </u>     |              |          |          |
| -        | 77        | -  |          | <del> </del> | _        | _        |              | _            | _        | -        |
|          | 78        | -  |          | $\vdash$     | -        |          |              |              |          |          |
|          | .79       |  |          | _            | _        | _        |              | $\vdash$     | _        | _        |
|          | 80        |  |          |              |          |          | -            | _            | _        | _        |
|          | 81        |  |          |              |          |          |              | Г            |          |          |
|          | 82        |  |          |              |          |          |              |              |          |          |
|          | 83        |  |          |              |          |          |              |              |          |          |
|          | 84        |  |          |              |          |          |              |              |          |          |
|          | 85        |  |          |              |          |          |              |              |          |          |
|          | 86        |  |          |              | $\Box$   |          |              |              |          |          |
|          | 87        | Ш  |          |              | <u> </u> |          |              | <u> </u>     |          |          |
| _        | 88        | <u> </u>   |          | <u> </u>     |          | L        |              | L            |          | L        |
|          | 89        | _  |          | _            |          | _        |              |              |          | <u> </u> |
| -        |           | <u> </u>   |          | <u> </u>     | <u> </u> | _        | _            | _            | _        | <u> </u> |
| _        | 91        |  |          | <u> </u>     |          |          |              | <u> </u>     | _        | <u> </u> |
| $\vdash$ | 92        | $\vdash$   | <u> </u> | <u> </u>     | $\vdash$ | $\vdash$ | $\vdash$     | <u> </u>     |          | -        |
| -        | 94        | -  |          | -            |          | _        |              | —            | -        | ╟        |
| $\vdash$ | 95        | <del>                                     </del> | -        | <del> </del> | $\vdash$ | -        | <del>-</del> | <del> </del> | <u> </u> | -        |
|          | 96        |  |          |              | $\vdash$ | _        | _            | _            | $\vdash$ | _        |
|          | 97        |  |          |              |          |          | _            | $\vdash$     | _        |          |
|          | 98        |  |          |              |          |          |              |              |          |          |
|          | 99        |  |          |              |          |          |              |              |          |          |
|          | 100       |  | <u> </u> |              | <u> </u> |          |              | <u>L</u>     | L        |          |

|       |                   | D-1      |          |              |   |              |          |  |          |              |
|-------|-------------------|----------|----------|--------------|---|--------------|----------|--|----------|--------------|
| Cla   | aim               |          |          |              |   | Date         | _        | _  |          |              |
| Final | Original          |          |          |              |   |              |          |  |          |              |
|       | 101<br>102        |          |          |              |   |              |          |  |          |              |
|       | 102               |          |          |              |   |              |          |  |          |              |
|       | 103               |          |          |              |   |              |          |  |          |              |
|       | 104               |          | <u> </u> |              | _ |              | L        |  |          |              |
|       | 105               |          |          |              |   |              | _        | <u> </u>   |          | Ш            |
|       | 106               | _        |          | _            |   | _            | Н        | <u> </u>   |          | Щ            |
|       | 107<br>108        | _        | _        | _            | _ | $\vdash$     |          | $\vdash$   | _        | -            |
|       | 109               |          |          | -            |   |              |          |  |          | _            |
| -     | 110               |          |          | $\vdash$     |   |              |          | _  | _        | _            |
|       | 111               |          |          | <u> </u>     |   |              |          |  |          |              |
|       | 112               |          |          |              |   |              | Н        |  |          | Н            |
|       | 112<br>113<br>114 | П        |          |              |   |              |          |  |          | П            |
|       | 114               |          |          |              |   |              |          |  |          |              |
|       | 115<br>116        |          |          |              |   |              |          |  |          |              |
|       | 116               |          |          |              |   |              |          |  |          |              |
|       | 117               | _        | _        | <u> </u>     |   | L            | _        |  |          | Ш            |
|       | 118<br>119        | <u> </u> |          | <u> </u>     |   | $oxed{oxed}$ |          |  | <u> </u> | _            |
|       | 119               |          |          | <u> </u>     |   | $\vdash$     | _        |  |          |              |
|       | 120               |          |          | _            |   |              |          |  |          |              |
|       | 121<br>122        |          | _        | <del> </del> |   | $\vdash$     | _        | <del>                                     </del> |          |              |
|       | 123               | -        | _        | <del> </del> |   |              |          |  |          |              |
|       | 123<br>124        | Н        | Н        | $\vdash$     |   |              | Н        | $\vdash$   | -        | _            |
|       | 125               |          |          |              |   |              |          |  |          |              |
|       | 126<br>127<br>128 |          |          |              |   |              |          |  |          |              |
|       | 127               |          |          |              |   |              |          |  |          |              |
|       | 128               |          |          | L            |   |              |          |  |          |              |
|       | 129<br>130        |          |          | <u> </u>     |   |              |          |  |          | _            |
|       | 130               |          |          | <u> </u>     |   |              |          |  |          | <u> </u>     |
|       | 131               | _        | _        | <u> </u>     |   |              | H        |  | <u> </u> |              |
|       | 132<br>133        |          | _        |              | _ | -            | _        | _  | -        | _            |
|       | 134               | $\vdash$ | Н        | -            | _ | -            |          |  |          | _            |
|       | 135               | -        | _        | _            |   | $\vdash$     | $\vdash$ | _  |          | _            |
|       | 135<br>136        | -        |          |              |   |              |          |  |          |              |
|       | 137               |          |          |              |   |              |          |  |          |              |
|       | 138               |          |          |              |   |              |          |  |          |              |
|       | 139               |          |          |              |   |              |          |  |          |              |
|       | 140               | _        |          | _            |   |              |          |  | _        |              |
|       | 141               |          | _        |              |   |              |          | L  |          |              |
|       | 142               | -        | _        | <u> </u>     |   | -            | -        | <u> </u>   |          | H            |
| -     | 143<br>144        |          | -        | -            |   | $\vdash$     | $\vdash$ | -  |          |              |
|       | 145               | H        |          | -            |   | -            |          | $\vdash$   | $\vdash$ | <del> </del> |
|       | 146               |          |          |              |   |              | Н        | М  | H        |              |
|       | 147               |          |          | $\vdash$     |   |              | Η        | <u> </u>   | $\vdash$ |              |
|       | 148               |          |          |              |   |              |          |  |          |              |
|       | 149               |          |          |              |   |              |          |  |          |              |
|       | 150               |          |          |              |   |              |          |  |          |              |